

Determination by Infrared Spectroscopy of the
Structure of a Series of Silicorganic Compounds
Obtained by Addition of Trichlorosilane to Mono-
and Diallyl Silicon Derivatives, by S. G. Durgan'yan,
Yu. P. Egorov, N. A. Mametkin, 6 pp. *Text*

RUSSIAN, per, Zhur Obshch Khim, Vol. XX, No. 8, 1950,
pp 2600-2607.

C3

168,800

Sci

Sep 61

The Addition of Trichlorosilane to Dialkyl (Phenyl,
Chloro) Dialkylsilanes. Some Silicohydrocarbons
Obtained on the Basis of the Addition Products, by:
N. S. Masetskii, A. V. Topchiev, S. G. Durgar'yan, N. A.
Kuz'mina, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2594-2599.

CB

168, 799

3ci

Sen 61

The Addition of Dialkyl- and Diphenylsilanes to
Ethylene Hydrocarbons, by A. V. Topchiev,
N. S. Kmetkin, T. I. Chernyashova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 517-519.

Consultants Bureau

Sci - Chem

Jun 59

88, 803

Synthesis and Properties of Phenyl-, 3, 4-Xylyl-
and 4-Isopropylphenyl-alkylsilanes, by A. V.
Topchyev, N. S. Hametkin, and Gu Chan-li, N. A.
Leonova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 731-.

Consultants Bureau

Sci-Chem

Jun 59

88, 820

The Possibility of Preparing Some Organosilicon
Compounds With Alkylbenzyl Radicals From
Chloromethylated Alkylbenzenes, by N. S.
Nemetkin, A. V. Topchiev, Ku Ch'ang-li, N. A.
Pritula, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 2820-2825.

CB

129,263.

Sci.

N.S. Azmukhin

Organic Silicon Compounds with Hetero- and
Hetero- and Hetero-Link, by T. I. Chakravorty,
H. S. Bhattacharya.

RECEIVED,

IND-AT-64-169

Sci
Dno 64

270,192

[illegible]

N. S. Namethkin

Abstract

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— 4 —

Polyolamines as Antifrictional and Anti-
wear Additives to Petroleum Lubricating Oils,
by S. Y. Vinogradov, N. S. Ilyushina.
RUSSIAN, *pr. Khimicheskaya*, Vol 3, No 5, 1968,
pp 722-723.
SIA TT-65-30816

TT-65-318

N. S. Nametkin

Sci-SEC
Jul 66

105,084

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2006 BY SP-6 BJS/BJS

N. S. NAMETKIN

[illegible]

The Addition of Tribenzylsilane to Olefins,
by N. S. Nersisyan, A. V. Topchiev, T. I.
Chernysheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,
No 5, 1959, pp 1001-1003.

Consultants Bureau

Sci

119,501

Jun 60

A Study of the Addition of Trialkoxysilanes
to Olefins, by N. S. ~~Namarkin~~, A. V. Topchlov,
T. I. Chernysheva, L. I. Kartashova, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXVI,
No 4, 1959, pp 794-797. CIA 9468-24

Consultants Bureau
*ATIC MCL-553/III

119,497

Ec1

Jun 60

IC-42875-M

Synthesis and Properties of Mono-, Di- and Tri- α -K1
tolylalkyl Silanes. by N. B. Kharatkin, A. V. Top-
chyev, Gu Chun-Li and N. A. Leonova, 4 pp.

RUSSIAN, per, Dok Ak. Nauk: SSSR, Vol CXV, No 1,
1957, pp 107-109.

Consultants Bureau

Sci. in Chem.

PAGE 513

70,954

Direct Synthesis of Alkyl- and Arylhalosilanes, by
A. V. ~~Topchiev~~, N. S. Danilkin, 6 pp.
Topchiev,

RUSSIAN, no par, Zhur Obshch Khim, Vol XIII,
No 1, 1953, pp 76-83.

Consultants Bureau

Scientific - Chemistry

CTB/DEK

18,014

⁰
Synthesis of Organosilicon Compounds of the Type of
Bis (Tetraalkyldisilamethane) cyclodioxide, by
A. V. Topchiev, E. S. Sametkin, L. O. Povarov, 4 pp.

RUSSIAN, Khimco-mo per, Dok Ak Nauk SSSR, Vol CLX,
No 2, pp 332-335. Jul/Aug 1956

Consultants Bureau

56, 626

Sci - Chem

Dtg 57

Reaction of Ethyl Bromide with Silicon, A. V.
Topolov, N. S. Narykin, L. I. Kartashev,
A. P.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1958, pp 41-46.

949-953

Consultants Bureau

Sci

Apr 60

112, 218

Synthesis of Compounds With Silazine Links, U. S.
Kamshin, A. V. Topchiev, L. S. Povarov, G. V.
Garnikunskaya, 4 pp.

Consultant Bureau

Sci - Chem

Doc 57

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 4, pp 787-790, Jul/Aug 1956.

56, 650

Synthesis of Some Silicon Compounds With Cycloalkyl
Radicals, by M. S. Nematkin, A. V. Topychiev, T. I.
Chernyshova, 1 pp.

(choice)
RUSSIAN, No par, Dok Ak Nauk SSSR, Vol CXI, No 6,
Nov/Dec 1956, pp 1260-1263.

Consultants Bureau

Sci - Chem

Dec 57

56,903

8-2786

Synthesis and Reactions of 1-(Chloromethyl) - 1-
Methylcyclopentane, by V.M. Yelovin, N.S. Kuznetsov.
6pp

RUSSIAN, 1963, In Ak Izv. SSSR, Khim. Khim. Khim., No. 2.
1963, pp 271-281.

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801
15 Jan 64

Polymerization of Monallyl Silbcon Derivatives in
Presence of the Catalyst System $(1-C_4H_9)_3Al + H_2MgCl_2$
A. V. Topoliev, N. S. Manetkin, 677

RUSSIAN, part, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1,
1953, pp 269-273.

CU

Doc 1
15 Jan 64

246, 226

Some Organosilicon Compounds Containing Siloxane-
Carbon, and Silazane-Carbon Groupings in the Chain,
by N.S. Nanetkin, A.V. Topchiev et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim Nauk, No 4, 1963, pp 654-659.

CB

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May 64

256,901

Chloromethylation of Organosilicon Compounds and
Ethers of Organosilicon Compounds from Chloromethy-
lated Alkylbenzenes, by N. S. Kametkin, and A. V.
Topchiyev, and et al., 17 pp.

Russian. Zh., Issledovaniya v Oblasti Khimicheskoy
Ganicheskikh Soyedineniy; Sintez i Fiziko-Khimicheskiye
Svoystva, Moscow, 1962, pp 156-167. 9687651

Pub-TT-63-451.

Sci-Chem
Nov 62

241,550

Synthesis of Some Alkylhalosilanes and Silico-
hydrocarbons, by A. V. Topchiev, N. S. Nemetkin
and T. I. Charnysheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXV, No 2,
1957, pp 326-329.

Consultants Bureau

Sci - Chem

Aug 58

70,938

Some Saturated Hydrocarbons of the Methylanthracene and
Phenanthrene Series, by A. V. Kozlov, N. S.
Vasilenko, V. P. Mochalov, p. 77.

RUSSIAN, paper, Dokl Ak Nauk SSSR, Vol CXVI, No 2,
1957, pp 208-.

Consultants Bureau

Bel - Chem

Oct 58

74, 301

Synthesis of Organosilicon Compounds with Siloxane
Carbon Units by N. B. Nazetkin, and A. V. Topchlyev,
and et al., 37 pp.

Russian, bk, Issledovaniya v Oblasti Kremniyorganicheskikh
Soedineniy; sinter 1 Fiziko-Khimicheskiye
Svoystva, Moscow, 1962, pp 105-129. 9687651

FED-FF-63-451

SI- Chem
Nov 63

241, 347

On the Addition of Trichlorosilane to Trialkyl(Phenyl,
Chloro) Allylsilanes Certain Silicohydrocarbons of the
Diethylpropene Series, by A. V. Topchyev, H. S.
Kametkin, S. G. Dargar'yan, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 3, 1960,
pp 927-932.

CB

Sci -
Apr 61

147,574

Some Derivatives of Disilaneopropane, by A. V.
Topylov, N. S. Ramatkin, T. I. Chernyshova,
S. G. Durgaryan, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CK,
No 1, Sep/Oct 1956, pp 97-100

Consultants Bureau

Sci - Chem

56, 657

Doc 57

Chloromethylation of Trialkylbenzylsilanes and Con-^{Sum}
versions of Chloromethylbenzyltrialkylsilanes, by
N. S. Nemetkin, A. V. Topchiev, Gu Chan-li, 8 pp.

RUSSIAN, per Zhur Odshoh Khim, Vol LXI, No 4, 1961,
pp. 1302 - 1309

CB

196, 713

Sci
Apr 62

Alkylation of Hydrocarbons by Si Compounds, by
N. S. Namerkin, O. P. Solovova, A. V. Topolnyev.

RUSSIAN, per, Trudy MII, No 13, 1953, pp 153-164.

*ATIC

Sci - Chem
Jun 57

Formation of Organosilicon Compounds, by N. S. Kuznetkin,
A. V. Topolnyev, V. I. Zetkin.

RUSSIAN, per, Trudy MNI, No 13, 1955, pp 154-155.

♦ATIC

Sci - Chem
Jun 57

NAMETKIN, S.

PETROLEUM Sulfonic Acids (KONTAKT) - Russian Tekhnicheskaya Entsiklopedia, Vol 10, pp 877-80 ~~XXXX~~ FDD C-523/49

11328

Nanetska, S. S. and Klimov, B. K.
TEN YEARS' WORK OF THE INSTITUTE OF
MINERAL FUELS, ACADEMY OF SCIENCES
U.S.S.R. (1944-54), (1962) 5p.
Order from GTS or SLA \$0.10

62-10475

[Condensed] transl. of Akademiya Nauk SSSR, Otdel
Tekhnichesk. Nauch. Izvestiya, 1960, no. 10, 11.
p. 1-5.

DESCRIPTION (Scientific research). Minerals, *Fuels.

1. Nanetska, S. S.
2. Klimov, B. K.

C233124

Office of Technical Services

(Date of publication, 1960, v. 4, no. 8)

Synthesis of a New Homolog of Camphor - 3, 4-Dimethylcamphor and Some of Its Derivatives, by S. S. Kuznetsov, I. R. Orbanovskaya, 6 pp.

Full translation.

RUSSIAN, per, Zhuravskiy, Vol XII, No 12,
Dec 1951, pp 2151-2155. CIA D 182342

Consultants Bureau

USSR

Scientific - Chemistry, camphor, homolog

1935

Synthesis of Some Alkyl- and Arylphenylacetate
Acids and Their Derivatives, by E. S. Kozetkin, Yu. A.
Baskakov, N. N. Melnikov, 3 pp.

Full translation.

RUSSIAN, per, ~~Chem. Zhurnal~~, Vol XXI, No 12,
Dec 1951, pp 2145-2150. CIA ID 182342

Consultants Bureau

USSR

Scientific - Chemistry, acids

1936

4-Alkoxyphe... acids and Their Simplest
Derivatives. B. B. Nersisyan, N. N. Malinikov,
K. A. ...

... per, Zhur Obshch Khim, Vol XXI, No 2,
Feb 1951.

Consultants Bureau Translation

15,780

Scientific - Chemistry

Preparation of Heterocoumarin, by S. B. Mametkin, N. E.
Melnikov, N. S. Bolmatov, 6 pp.

Full tr

RUSSIAN, no par, ~~Chem Phys Lett~~, Vol. XXIX, No 3, 1996,
pp 452-452. ~~U.S. 900499-0~~, Serial No 42

Consultants Bureau

Sci - Chemistry
Nov 56 CIB

460,509

Nimetskin, S. S. and Zvorykina, V. K.
NEUTRAL PRODUCTS OF OXIDATION OF PETRO-
LEUM HYDROCARBONS BY OXYGEN OF THE AIR.
[1961] 10p. 9 refs.
Order from ODS or SLA \$1.10

61-18154

Trinnet of Zhurnal Obshchei Khimii (USSR) 1934, v. 4,
p. 908-914

DESCRIPTORS: Petroleum, Hydrocarbons, Oxidation,
Oxygen

(Unannounced)

61-18154

I. Nimetskin, S. S.
II. Zvorykina, V. K.

217149

Office of Technical Services

Nametkin, S. S. and Abakumovskaya, L. N.
HYDROPOLYMERIZATION OF 3-METHYL-1-BUTENE BY 100 PER CENT SULFURIC ACID. [1961]
4p. 5 refs.
Order from OTS or SLA \$1.10

61-20129

Trans. of Zhurnal Obshchei Khimii (USSR) 1945,
v. 15, p. 358-361.

DESCRIPTORS: *Sulfuric acid, *Butenes, Polymers,
*Polymerization, *Hydrogenation, Hydrocarbons,
Ethylenes, Methyl radicals.

Hydropolymerization of 3-methyl-1-butene under the
action of 100% sulfuric acid was studied under different
conditions. Formation in this reaction of hydrogen-
ated polymers from dimers to hexamers, inclusive,
was shown. When 100% sulfuric acid is used, the hy-
dropolymerization of 3-methyl-1-butene forms more
(Chemistry--Organic, TT, v. 7, no. 5) (ovir)

61-20129

I. Nametkin, S. S.
II. Abakumovskaya, L. N.

194890

Office of Technical Services

Nametkin, S. S. and Serchenikova, A. G.
CHLORINATION OF PETROLEUM PENTANE AND
PREPARATION OF AMYL ALCOHOL AND AMYL
ACETATE. [1961] 11p. 22 refs.
Order from OTS or SLA \$1.60

61-18208

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1944, p. 695-700.

DESCRIPTORS: *Pentanes, *Chlorination, *Acetates, Pentyl radicals, Pentanols, Synthesis

A study of continuous chlorination of pentanes from petroleum was carried out. Use of dry chlorine and an excess of pentane in the reaction mixture were essential for the avoidance of polychlorides and deposition of carbon. The recommended ratio of pentane to chlorine is 7:1. Complete hydrolysis of isomyl chloride, primary as well as secondary, is possible with sodium oleate and water in a one hour reaction at 170-180°, at which (Chemistry--Organic, T.T. v. 6, no. 8) (over)

61-18208

I. Nametkin, S. S.
II. Serchenikova, A. G.

195137

Office of Technical Services

Nametkin, S. S. and Serebrennikova, A. G.
CHLORINATION OF PETROLEUM PENTANE AND
PREPARATION OF AMYL ALCOHOL AND AMYL
ACETATE. [1961] 11p. 22 refs.
Order from OTS or SLA \$1.60

61-18208

Trans. of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk, [Leningrad, 1961], p. 695-708.

DESCRIPTORS: *Pentanes, *Chlorination, *Acetates, Pentyl radicals, Pentanols, Synthesis

A study of catalytic chlorination of pentanes from petroleum was carried out. Use of dry chlorine and an excess of pentane in the reaction mixture were essential for the avoidance of polychlorides and deposition of carbon. The recommended ratio of pentane to chlorine is 7:1. Complete hydrolysis of isomyl chloride, primary as well as secondary, is possible with sodium oleate and water in a one hour reaction at 170-180°, at which (Chemistry - Organic, ET, v. 6, no. 8) (over)

61-18208

1. Nametkin, S. S.
11. Serebrennikova, A. G.

Office of Technical Services

Namethia, S. S., Rudenko, M. G., and
Gromova, V. N.
ON THE ACTION OF NITRIC ACID ON HYDRODALE
PRELIMINARY REPT. [1963] 7p. (formulas omitted)
11 refs.
Order from OTS or SLA \$1.10

63-14391

Trans. of Akademiya Nauk SSSR. Otdeleniye Khimicheskikh Nauk. Izvestiya, 1941, no. 1, p. 61-66.

DESCRIPTORS: *Isocyan, *Nitric acid, *Nitration, Hydrogenation, Chemical reactions, Chemical properties.

63-14391

I. Namethia, S. S.
II. Rudenko, M. G.
III. Gromova, V. N.

1242688

(Chemistry, TT, v. 10, no. 5)

Office of Technical Services

61-16662

Nametkin, S. S. and Teneva, R. S.
LUBRICATING OILS FROM ISHIMBAEVO CRUDE OIL.
[1961] 7p. 7 refs.
Order from OTS or SLA \$1.10

61-16662

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1942, no. 9, p. 54-59.

DESCRIPTORS: *Lubrication, *Oils, Processing, USSR, Fractionation, Fuels.

I. Nametkin, S. S.
II. Teneva, R. S.

Office of Technical Services

(Materials--Lubricants, TT, v. 6, no. 5)

Nametkin, S. S., Putillo, V. G. and
Schecheglova, E. P.

ANALYSIS OF SULFUR COMPOUNDS OF LIGHT
PETROLEUM FRACTIONS. [1961] 13p. 11 refs.
Order from OTS or SLA \$1.60 61-16943

Trans. of Akademiya Nauk SSSR. Otdelenie
Tekhnicheskikh Nauk. Izvestiya, 1943, no. 1/2,
p. 10-22.

DESCRIPTORS: *Petroleum, *Gasoline, *Sulfur
compounds, Chemical analysis, Thiols, Cadmium
compounds, Chlorides, Thiophenes, Sodium compounds,
Carbonates.

A criticism (sic) of the existing methods of analysis of
sulfur compounds in gasoline established that the
methods of Paragier and Brown require further de-
velopment to make them more precise. Cadmium
(Materials--Fuels, TT, v. 6, no. 6) (over)

61-16943

- I. Nametkin, S. S.
- II. Putillo, V. G.
- III. Schecheglova, E. P.

(Office of Technical Services)

61-16945

Nametkin, S. S. and Rozenberg, L. M.
[MATERIALS ON THE] CHEMISTRY OF OXIDIZING
CRACKING OF HYDROCARBONS IN THE VAPOR
PHASE, II. [1961] 12p. 6 refs.
Order from OTS or SLA \$1.60

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1943, no. 11/12, p. 3-14.

DESCRIPTORS: *Hydrocarbons, Decomposition, Oxidation.

The basic reaction in oxidizing cracking of tetralin in the vapor phase is dehydrogenation without destruction of the ring; it results in formation of naphthalene and water. Four reactions occur simultaneously: (1) rupture of the naphthenic ring, forming aromatic hydrocarbons (2) oxidation of tetralin to the peroxide with subsequent decomposition of the latter, forming α -naphthol; (3) oxidation of toluene, forming α -naphthol; and (4) (Chemist's Organo. TT, v. 9, no. 6) (over)

61-16945

I. Nametkin, S. S.
II. Rozenberg, L. M.

Office of Technical Services

Nametkin, S. S.
ACTION OF NITRIC ACID ON METHYLCYCLO-
HEXANE. [1963] 1+p 17rels
Order from OTS, SLA, or ETC \$1.60 TT-63-20810

Trans. of [Russkoe Fiziko-Khimiicheskoe Obshchestvo.
Zhurnal, 1910. v. 42, p. 691-701].

DESCRIPTORS: *Cyclohexanes, Nitration, *Nitric acid.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-63-20810

1. Title: Methyl
cyclohexane
1. Nametkin, S. S.

Office of Technical Services

Nasvetkin, S. S.
INVESTIGATION IN THE FIELD OF FENCHONE.
[1963] 16p 35 refs
Order from OTS, SLA, or ETC \$1.60 TT-63-20812
Trans. of [Russkoe Fiziko-Khimicheskoe Obshchestvo,
Zhurnal] 1915, v. 47, p. 1590-1606.
DESCRIPTORS: *Naphthalenes, *Camphora, Nitration.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-63-20812

1. Title: Fenchones...
1. Nasvetkin, S. S.

274748

Office of Technical Services

Nametkin, S. S. and Rozenberg, L. M.
MATERIALS ON THE CHEMISTRY OF OXIDIZING
CRACKING OF HYDROCARBONS IN THE VAPOR
PHASE, I. [1961] 34p. 11 refs.
Order from ODS or SLA \$1.60

61-16976

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1942, no. 10, p. 11-25.

DESCRIPTORS: *Hydrocarbons, Decomposition, Oxidation.

The presence of oxygen in the zone of cracking of toluene leads to oxidation of the methyl group without affecting the benzene ring. Oxidation of the side chain is apparently due to the existence of an active tautomeric form of toluene. Oxidation of toluene proceeds through formation of an intermediate peroxide compound with subsequent decomposition of the latter into benzaldehyde and water. Under conditions of oxidizing cracking in the vapor phase, toluene yields diphenyl- (Chemistry--Organic, TT, v. 6, no. 6) (over)

61-16976

I. Nametkin, S. S.
II. Rozenberg, L. M.

Office of Technical Services

61-18209

Namestkin, S. S. and Rozenberg, L. N.
[MATERIALS ON THE] CHEMISTRY OF OXIDIZING
CRACKING OF HYDROCARBONS IN THE VAPOR
PHASE, II. [1961] 6p. 9 refs.
Order from OTS or SLA \$1.10

61-18209

I. Namestkin, S. S.
II. Rozenberg, L. N.

Trans. of Akademiya Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, Izvestiya, 1944, p. 709-715.

DESCRIPTORS: *Hydrocarbons, Decomposition,
Oxidation.

Oxidizing cracking of normal octane gave products among which no peroxides were found. Nevertheless, there is reason to believe that peroxides constitute primary products of this process. The presence of oxygen in the reaction zone up to a certain limit (20%) promotes decomposition of normal octane and formation of products of its oxidation. Above this limit the decomposition reaction is retarded, as is the oxidation to aldehydes and acids. The temperature is the most
(Chemistry--Organic, TT, v. 6, no. 6)

(over)

Order from OTS or SLA \$1.10

61-15660

Nametkin, S. S. and Teneva, R. S.
NEUTRAL PRODUCTS OF OXIDATION OF PARAFFIN
WAX WITH OXYGEN OF THE AIR [1961] 9p. 10 refs.
Order from DTIC or SLA \$1.10 61-16666

I. Nameckin, S. S.
II. Teneva, R. S.

Trans. of Zhurnal Obshchei Khimii (USSR) 1942,
v. 12, p. 229-239.

DESCRIPTORS: *Synthetic waxes, Oxidation, Oxygen,
Air, Aldehydes, Alcohols, Peroxides.

Investigation of the neutral products of oxidation of
paraffin wax, with oxygen of the air established that
they contain straight chain aldehydes from butyric to
stearic, inclusive, and primary alcohols from propyl
to octadecyl, inclusive. The mechanism of oxidation of
paraffin wax with oxygen of the air is discussed, show-
ing that the entire factual material available can be
interpreted from the point of view of the peroxide
theory. (Author)

Office of Technical Services

(Chemistry--Physical, TT, v. 6, no. 6)

Nametkin, S. S. and Abakumovskaya, L. N.
HYDROPOLYMERIZATION OF 3-METHYL-1-BUTENE BY 100 PER CENT SULFURIC ACID. [1961]
4p, 5 refs.

Order from OIS or SLA \$1.10

61-20129

Trans. of Zhurnal Obshchei Khimii (USSR) 1945,
v. 15, p. 358-361.

DESCRIPTORS: *Sulfuric acid, *Butenes, Polymers,
*Polymerization, *Hydrogenation, Hydrocarbons,
Ethylenes, Methyl radicals.

Hydropolymerization of 3-methyl-1-butene under the action of 100% sulfuric acid was studied under different conditions. Formation in this reaction of hydrogenated polymers from dimers to hexamers, inclusive, was shown. When 100% sulfuric acid is used, the hydropolymerization of 3-methyl-1-butene forms more
(Chemistry-Organic, TI, v. 7, no. 5) (over)

61-20129

I. Nametkin, S. S.
II. Abakumovskaya, L. N.

194890

Office of Technical Services

Transformation of Secondary Nitro Compounds into
Oximes of Corresponding Ketones, by S. S. Kuznetsov,
et al. 3 pp UNCLASSIFIED

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol LXVII, No 4, 1950
pp 711-712.

Sol Tr Center

EP-1033

SLA

Scientific - Chemistry

R-761

15,357

4-Alkoxy-Phenoxyacetic Acids and Their Simplest
Derivatives, by S. S. Kuznetsov, N. N. Melnikov,
and K. S. Bolshakov. 4 pp.

RUSSIAN, no par, Izv. Obshch. Khim., Vol. XXI,
no 2, Feb 1951. pp. 327-337. CIA ID 780337

Consultants Bureau T:

Scientific - Chemistry

14,743

Synthesis of Some Alkoxymalogenophenoacetic Acids
and Their Derivatives, by S. S. Mamotkin,
K. S. Bokarev, N. N. Mel'nikov.

RUSSIAN, per, Dok Ak Nauk SSSR, No 77, 21 Mar 1951,
pp 419-422. 511 AP444

USDA Trans 274

USSR

Economic - Agriculture, herbicides

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